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[Redacted Box]
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6 December 1963

MEMORANDUM FOR: Chairman, Committee on Overhead Reconnaissance
SUBJECT : Evaluation of Selected China Targets for Coverage by
the 112-A Camera

1. National Project J 416-63 of 18 November 1963 required an evaluation by NPIC Photo Interpreters of a list of China Targets indicating any additional information which might be derived as a result of deployment of the 112-A camera system as compared with the "B" camera system.

2. Attachment 1, items 1 through 48, reflects the findings of fifteen Photo Interpreters regarding each of the targets listed. These targets have been evaluated based on existing requirements. No attempt was made to estimate to what level 112-A requirements might require analysis.

3. The three priority lists of China Targets have been evaluated with the following general findings:

48% notable improvement
39% marginal improvement
8% "B" mount satisfies requirements.
5% "B" mount coverage is superior
(in that area search is the prime requirement)

100%

4. There is no doubt among participating PI's that the 112-A system can produce much more detailed information on individual targets, at the expense of area coverage.

[Redacted Box]
Assistant for Operations, NPIC

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Attachment:
As Stated

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GROUP I
Excluded from automatic
downgrading and declassification

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PAW/M 181-3
4 Dec. '63

Item #	Comor #	Target Name	*Grade	Remarks on 112A Advantages/Disadvantages
1.		Shuang Ching Tzu Missile Test	1	Construction, Equipment, Missiles and Activity Levels
2.		Peiping Rkt Eng Test Facility	1	Details of Test Stands, Handling Equipment, Rocket Motors & Containers and Piping
3.		Yen Liang Fabrication Plant	2	Raw Materials and Finished Products in Open Storage, Activity Levels and Type of
4.		Cheng-tu Airframe Plant		
5.		Pao-Chi Area, Industrial Complex	1	Missile Components or Transporters
6.		An-Shan Suspect Missile Prod &R&D	4	Area Search, 112A would get 50% at best
7.		Lien Shan Cruise Missile Site	2	Ground Support Equipment would show gains
8.		Shen-Yang Aircraft Engine Plant		
9.		Shen-Yang Airframe Plant #112	2	Raw Materials and Finished Products in Open Storage, Activity Levels and Type of Equipment
10.		Wu-Kung Aircraft Engine Plant		
11.			3	112A offers little or no improvement over Bulcont
12.		Yen-Kuo Hsia Hydro Power Plant	1	Detailed Structural and Operational Status
13.		Hsing-Liang-Chuang U/I Activity	1	Details of open Storage, Construction Activity, and Significant structures
14.				25X1
15.				Details of Construction and Activity Levels could confirm or refute
16.				25X1
17.				25X2
18.		Hsia-Ho, Probable Research Institute	2	25X2
19.				25X2
20.				25X2
21.		Yen-Te-Cheng Submarine Base		
22.		Lu-Shun Submarine Base	2	Could confirm or refute existence
23.		Mo-Chou-Tso Suspect SS Base		B Mount should answer all requirements
				Area Search, 112A would cover 50% at best
				Submarine configuration, support equipment including torpedoes and activity levels

Item	Category	Target Name	Approved For Release 2003/10/01 : CIA-RDP79B01709A002700060020-6 Advantages/Disadvantages
24.			
25.			
26.	25X2	In-Water Explosives Plant	Roof ventilator types, pipelines within plant, rail tank car configurations
27.			
28.	25X1	Tai-Yuan Area, Chemical Plants Chu-chiang Chemical Plant Liao-Yang Sub Arsenal	Raw materials and finished products in open storage, activity levels and type of equipment. Rail car configuration and interior blast wall identification
29.			
30.			
31.			
32.			
33.			
34.			
35.			
36.			
37.			
38.			
39.			
40.	25X1	Radar Sites SAM Radar Site Shuang Cheng Tzu Communications Site	Fast, positive identification of specific radars and associated equipments In actual practice on Cuban Commo Sites, a single 112A mission proved more effective in answering requirements than six good B-Mount coverages
41.			
42.			
43.			
44.			
45.			
46.			
47.			
48.			

* Key to Grade

1. Notable improvement
2. Marginal improvement
3. B-Mount satisfies requirements
4. B-Mount coverage is superior (area searches)